

METHOD AND SYSTEM FOR CONTROLLING AN AMPLIFIER
IN AN OPTICAL NETWORK

ABSTRACT

A method for controlling an amplifier in an optical network includes determining primary pump power information for a primary amplifier and communicating the primary pump power information to a secondary amplifier coupled to the primary amplifier. The method also includes generating secondary pump control information for the secondary amplifier based on the primary pump power information and amplifying a first optical signal at the secondary amplifier based on the secondary pump control information.